

HR 1 American Recovery and Reinvestment Act of 2009

Energy-Related Funding Summary

(March 11, 2009)

California Energy Commission

Title and Description	Conference Agreement National Total	California Estimated Share	Comments
ENERGY AND CLIMATE¹	\$37,150,000,000	\$295,000,000	Comments
State Energy Program	\$3,100,000,000	\$239,000,000	The California Energy Commission may use these funds to support various programs in residential, commercial, transportation, industrial, institutional, and agricultural energy efficiency, in renewable energy research and deployment, and in transmission planning.
Energy Efficiency and Conservation Block Grant Program	\$3,200,000,000 (Includes \$400 million to be awarded on a competitive basis)	\$56,000,000	We estimate this will direct \$22 million to the California Energy Commission for state or statewide programs. An additional \$34 million would be distributed by the Energy Commission to rural California counties and communities. NOTE: An additional, potentially quite large (\$100s million) would flow to California's large cities and counties (DOE does not yet have a formula for allocation).
Energy Efficient Appliance Rebate Program and Energy Star Recovery Funding	\$300,000,000	Competitive	Created in Section 124 of the EPAct of 2005. States may receive funding if they have a rebate program for Energy Star products and submit an application to DOE. The Energy Commission will likely administer the program.
Transportation electrification These competitive grants could be used for a variety of infrastructure electrification efforts.	\$400,000,000	Competitive	Funds could be used by ports for portside electric power for ships and electrification of drayage trucks, truck-stop electrification, and airport support equipment electrification. Recipients likely to be states, local governments, port authorities and metropolitan transportation authorities.
Diesel Emissions Reduction Act -- For diesel truck and equipment owners to retrofit or replace	\$300,000,000	Competitive	Increases funding for an existing program.

equipment.			
Clean Cities -- acquisition of alternative fuel or fuel-cell vehicles.	\$300,000,000	Competitive	Competitive grant program for state and local governments to purchase energy efficient alternative fuel vehicles. Authorized under Section 721 of the EPA Act of 2005.
Smart Grid -- For research and development of smart grid technologies.	\$4,500,000,000	Competitive	Proposed 50% cost match for private smart grid demonstration projects. U.S. DOE released Notice of Intent to Issue Funding Opportunity Announcement on March 3, 2009 to support regional demonstrations, utility-scale energy storage demonstrations and synchrophasor demonstrations.
Bonneville and Western Power Administration - increased borrowing authority for new construction and upgrading of electric power transmission lines and related facilities.	\$6,500,000,000	n/a	\$3.25 billion in loans to Western Power Administration \$3.25 billion in borrowing authority to Bonneville Power Administration
GSA Federal Buildings and Vehicle Fleet -- energy efficiency upgrades for ready-to-go building projects and fleet upgrades..	\$4,800,000,000	Competitive	No determination on which federal buildings in which states might be eligible for funding. \$300 million for replacing Federal fleet with more efficient vehicles. \$4.5 billion to convert GSA facilities to high-performance green buildings.
Renewable Energy Loan Guarantees -- for loans and renewable power generation and transmission projects.	\$6,000,000,000	Competitive	Competitive grants for projects that avoid and lower air pollutants and GHG emissions as authorized under Title XVII of EPA Act 2005.
Clean Fossil Energy -- carbon capture and sequestration technology projects.	\$3,400,000,000	Competitive	Competitive grants. Recipients are to be determined, but likely will include states, utilities and private entities and partnerships.
Energy Efficiency and Renewable Energy	\$4,500,000,000 (includes \$2 billion for advanced battery	Competitive	Competitive grants for energy efficiency and renewable energy research, development, demonstration and deployment to universities, business and national laboratories.

Research and Advanced Battery Research	system and vehicle batteries)		No less than \$800 million for biomass projects and \$400 million for geothermal projects, leaving about \$1.2 billion for other energy efficiency and renewable energy research.
HEALTH AND HUMAN SERVICES	\$5,000,000,000	\$144,937,840	Comments
Department of Energy Weatherization Assistance Program	\$5,000,000,000	\$144,937,840	Funds to be distributed to states through the existing DOE Weatherization Assistance Program formula to provide additional free installation of weatherization measures that increase the energy efficiency of dwellings occupied by low-income persons. Client eligibility is increased to 200 percent of the federal poverty level, and the dwelling assistance cap would be increased from \$2,500 to \$5,000. The California Community Services and Development Department will administer the program.
HOUSING	\$8,500,000,000	\$312,700,000	Comments
Public Housing Capital Fund -- repair and modernization of public housing.	\$4,000,000,000	\$131,200,000	Assumes 75/25 percent split between formula and competitive grant.
Section 8 Rental Assistance & Energy Efficiency	\$2,250,000,000	Competitive	Grants or loans to owners of HUD assisted housing units for energy and green retrofit investments.
HOME Investment Partnership -- to help local communities build and rehabilitate low-income housing using green technologies.	\$2,250,000,000	\$181,500,000	Distributed based on 2008 formula using Federal Funds Information States (FFIS) data.
OTHER ENERGY-RELATED PROGRAMS²			
Research, Development, Demonstration, and Deployment (ARPA-Energy)	\$400,000,000	Competitive	Authorized under Section 5012 of the America Competes Act.
Plug-in Electric Drive Program	\$400,000,000	Competitive	Authorized in Section 131 of the Energy Independence and Security Act (EISA). Grants limited to State and local government agencies and metropolitan transportation authorities. Requires 50% cost share. Applications due to

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